

Amendments to the Specification:

Please insert the following section heading and sub-heading at page 1, lines 2 and 3:

BACKGROUND

(1) Field of the Invention

Please insert the following section heading at page 1, line 7:

(2) Description of Related Art

Please insert the following section heading at page 7, line 23:

BRIEF SUMMARY

Please insert the following section heading at page 10, line 27:

BRIEF DESCRIPTION OF THE DRAWINGS

Please insert the following section heading at page 11, line 3:

DETAILED DESCRIPTION

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-32 (canceled)

33. (new) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a connected mode state to an idle mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the connected mode state;
identifying a candidate cell set, the candidate cell set members corresponding to UMTS-based cells, and at least one member also corresponding to a cell which is not currently supporting the first connected mode state;
selecting a member from the candidate cell set; and
transitioning to an idle mode state.

34. (new) The method of claim 33 wherein said at least one member corresponds to a cell identified to the MCE by a network.

35. (new) The method of claim 33 wherein said at least one member corresponds to a cell neighbouring a cell supporting the connected mode state.

36. (new) The method of claim 33 wherein said at least one member further comprises stored information arising from past data gathering by the MCE and corresponding to the same cell.

37. (new) The method of claim 36 wherein said stored information stored comprises power measurement data.

38. (new) The method of claim 37 further comprising:
storing information comprising power measurements with respect to a plurality of members of the candidate cell set, the information gathered previous to the beginning state transition activity; and
selecting the selected member based at least in part on said power measurements.

39. (new) The method of claim 33 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

40. (new) The method of claim 33 where the candidate cell set comprises active cell(s) used to support the connected mode state.

41. (new) The method of claim 33 where the candidate cell set comprises the serving cell used to support the connected mode state.

42. (new) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:

a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a connected mode state to an idle mode state, and to determine a candidate cell set, the candidate cell set members corresponding to UMTS-based cells and further comprising at least one member corresponding to a cell which is not currently supporting the connected mode state, and further configured to select a member from the candidate cell set and to use the selected member when transitioning to the idle mode state.

43. (new) The MCE of claim 42 wherein the at least one member corresponds to a cell identified to the MCE by a network.

44. (new) The MCE of claim 42 wherein the at least one member corresponds to a cell neighboring a cell supporting the connected mode state.

45. (new) The MCE of claim 42 wherein the at least one member further comprises stored information, the stored information gathered by the MCE corresponding to the at least one cell.

46. (new) The MCE of claim 45 wherein the stored information comprises power measurement data.

47. (new) The MCE of claim 46 further comprising:
stored information comprising power measurements with respect to a plurality of members of the candidate cell set, the information gathered previous to the state transition; and
wherein the selection of the selected cell is based at least in part on said power measurements.

48. (new) The MCE of claim 42 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

49. (new) The MCE of claim 42 where the candidate cell set comprises active cell(s) used to support the connected mode state.

50. (new) The MCE of claim 42 where the candidate cell set comprises the serving cell used to support the connected mode state.

51. (new) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a first connected mode state to a second connected mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the first connected mode state;

identifying a candidate cell set, the candidate cell set members corresponding to UMTS-based cells, and at least one member also corresponding to a cell which is not currently supporting the first connected mode state;

selecting a member from the candidate cell set; and

transitioning to the second connected mode state using the selected member, where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

52. (new) The method of claim 51 wherein said at least one member corresponds to a cell identified to the MCE by a network.

53. (new) The method of claim 51 wherein said at least one member corresponds to a cell neighbouring a cell supporting the first connected mode state.

54. (new) The method of claim 51 wherein said at least one member further comprises stored information arising from past data gathering by the MCE and corresponding to the same cell.

55. (new) The method of claim 54 wherein said stored information stored comprises power measurement data.

56. (new) The method of claim 55 further comprising:
storing information comprising power measurements with respect to a plurality of members of the candidate cell set, the information gathered previous to the beginning state transition activity; and

selecting the selected member based at least in part on said power measurements.

57. (new) The method of claim 51 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

58. (new) The method of claim 51 where the candidate cell set comprises the serving cell used to support the first connected mode state.

59. (new) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:

a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a first connected mode state to a second connected mode state, and to determine a candidate cell set, the candidate cell set members corresponding to UMTS-based cells and further comprising at least one member corresponding to a cell which is not currently supporting the first connected mode state, and further configured to select a member from the candidate cell set and to use the selected member when transitioning to the second connected mode state where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

60. (new) The MCE of claim 59 wherein the at least one member corresponds to a cell identified to the MCE by a network.

61. (new) The MCE of claim 59 wherein the at least one member corresponds to a cell neighbouring a cell supporting the first connected mode state.

62. (new) The MCE of claim 59 wherein the at least one member further comprises stored information, the stored information gathered by the MCE corresponding to the at least one cell.

63. (new) The MCE of claim 62 wherein the stored information comprises power measurement data with respect to a plurality of members of the candidate cell set, the information gathered previous to the state transition; and

wherein the selection of the selected cell is based at least in part on said power measurements.

64. (new) The MCE of claim 59 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

65. (new) The MCE of claim 59 where the candidate cell set comprises the serving cell used to support the first connected mode state.